

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/0

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, MEDLINE, CHEM ABS Data, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 31148 A (BEUHLER ALLYSON J ;MCGOWEN JOHN A (US); MOTOROLA INC (US)) 2 June 2000 (2000-06-02) abstract page 3, line 24 -page 4, line 7 page 5, line 1 -page 19, line 25 claims 1-26	1-11
X	WO 00 43539 A (BIOCHIP TECHNOLOGIES GMBH ;RUEHE JUERGEN (DE); PRUCKER OSWALD (DE)) 27 July 2000 (2000-07-27) cited in the application abstract	1-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

10 November 2003

Date of mailing of the international search report

28/11/2003

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PCT/DE 03/0

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 596 038 A (SUBRAMANIAM RAJ) 21 January 1997 (1997-01-21) abstract column 5, line 42 -column 6, line 27 examples 1-12 claims 1-12	1-11
A	US 5 428 076 A (ROE DONALD C) 27 June 1995 (1995-06-27) the whole document	1-11
A	US 5 972 375 A (TRUTER PATRICIA-ANN ET AL) 26 October 1999 (1999-10-26) the whole document	1-11
A	VASILISKOV A V ET AL: "FABRICATION OF MICROARRAY OF GEL-IMMOBILIZED COMPOUNDS ON A CHIP BYCOPOLYMERIZATION" BIOTECHNIQUES, EATON PUBLISHING, NATICK, US, vol. 27, no. 3, September 1999 (1999-09), pages 592,594,596-598,600,602,604,606, XP000849476 ISSN: 0736-6205 the whole document	1-11
A	HEALEY B G ET AL: "FIBEROPTIC DNA SENSOR ARRAY CAPABLE OF DETECTING POINT MUTATIONS" ANALYTICAL BIOCHEMISTRY, ACADEMIC PRESS, SAN DIEGO, CA, US, vol. 251, no. 2, 5 September 1997 (1997-09-05), pages 270-279, XP000703841 ISSN: 0003-2697 the whole document	1-11
A	TIMOFEEV E ET AL: "Binding specificity and stability of duplexes formed by modified oligonucleotides with a 4096-hexanucleotide microarray" NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 29, no. 12, June 2001 (2001-06), pages 2626-2634, XP002961131 ISSN: 0305-1048 the whole document	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0031148	A	02-06-2000	US 2002035167 A1	21-03-2002
			AU 2028500 A	13-06-2000
			WO 0031148 A2	02-06-2000
			US 2002115740 A1	22-08-2002
WO 0043539	A	27-07-2000	EP 1035218 A1	13-09-2000
			AU 3150400 A	07-08-2000
			CA 2360027 A1	27-07-2000
			WO 0043539 A2	27-07-2000
			EP 1144677 A2	17-10-2001
			JP 2002535450 T	22-10-2002
US 5596038	A	21-01-1997	AU 2547795 A	05-12-1995
			CA 2189866 A1	23-11-1995
			EP 0759945 A1	05-03-1997
			WO 9531491 A1	23-11-1995
			US 5817016 A	06-10-1998
US 5428076	A	27-06-1995	US 5372766 A	13-12-1994
			AT 197675 T	15-12-2000
			AU 680558 B2	31-07-1997
			AU 7925494 A	23-10-1995
			CA 2185546 A1	12-10-1995
			DE 69426335 D1	28-12-2000
			DE 69426335 T2	23-05-2001
			EP 0752891 A1	15-01-1997
			ES 2151934 T3	16-01-2001
			JP 3414744 B2	09-06-2003
			JP 9511536 T	18-11-1997
			WO 9526758 A1	12-10-1995
			ZA 9407604 A	16-05-1995
US 5972375	A	26-10-1999	AT 155493 T	15-08-1997
			AU 664913 B2	07-12-1995
			AU 4459993 A	24-02-1994
			CA 2103846 A1	14-02-1994
			DE 69312181 D1	21-08-1997
			DE 69312181 T2	11-12-1997
			EP 0583170 A1	16-02-1994
			IL 106660 A	15-04-1997
			JP 6212045 A	02-08-1994
			ZW 9693 A1	01-12-1993
			ZA 9305878 A	12-04-1994